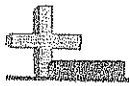
Answers

Determine which letter best answers the question.

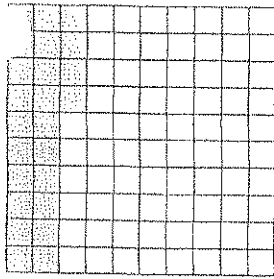
- |   |  |
|---|--|
| <p>1) While shopping at the supermarket Sierra's mother bought <math>\frac{4}{5}</math> pound of fruit. What is equivalent to the amount of fruit she bought?</p> <p>A. .90                      B. 0.75<br/>C. .80                        D. 0.4</p> | <p>2) At Halloween Destiny scored <math>\frac{2}{4}</math> pound of candy. Which choice below is equivalent to the amount of candy she got?</p> <p>A. 0.75                      B. 0.15<br/>C. 0.25                      D. 0.50</p>               |
| <p>3) Rylee's father went out fishing and caught a <math>\frac{2}{5}</math> pound catfish. What is equivalent to the size of the fish he caught?</p> <p>A. .40                        B. 0.2<br/>C. .30                        D. 0.25</p>            | <p>4) A recipe requires <math>\frac{2}{10}</math> cup of flour. What is equivalent to the amount of flour needed?</p> <p>A. 0.75                      B. 0.20<br/>C. 0.25                      D. 0.35</p>   |
| <p>5) Brianna's brother drank <math>\frac{1}{4}</math> of the gallon of milk in the fridge. What is equivalent to the amount he drank?</p> <p>A. 0.25                      B. 0.15<br/>C. 0.8                        D. 0.50</p>                      | <p>6) A mechanic was working on his car and used a <math>\frac{3}{4}</math> wrench to loosen a bolt. What is equivalent to the wrench size he used?</p> <p>A. 0.75                      B. 0.15<br/>C. 0.50                      D. 0.25</p>       |
| <p>7) Shelby was measuring the width of a paperclip and found that it was <math>\frac{1}{2}</math> inch. What is equivalent to the width of the paperclip?</p> <p>A. 0.50                      B. 0.15<br/>C. 0.8                        D. 0.25</p>  | <p>8) Katie was making mac &amp; cheese. The recipe called for <math>\frac{1}{5}</math> cup of water. What is equivalent to the amount of water needed?</p> <p>A. .30                        B. 0.20<br/>C. .50                        D. 0.25</p> |
| <p>9) A scientist discovered a new type of ladybug that was <math>\frac{5}{10}</math> of a centimeter long. What is equivalent length of the bug?</p> <p>A. 0.8                        B. 0.15<br/>C. 0.25                      D. 0.50</p>           | <p>10) Kennedy went to the candy store and bought <math>\frac{3}{5}</math> an ounce of candy. What is equivalent to the amount of candy she purchased?</p> <p>A. 0.60                      B. 0.75<br/>C. 0.3                        D. 0.50</p>   |

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_



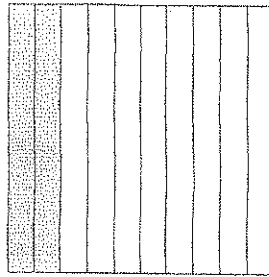
Determine the value of the shaded portion as a fraction and as a decimal.

Answers



1) Fraction: \_\_\_\_\_

2) Decimal: \_\_\_\_\_



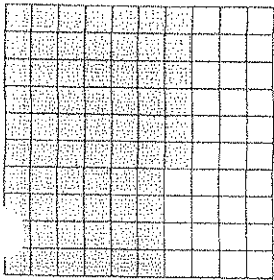
3) Fraction: \_\_\_\_\_

4) Decimal: \_\_\_\_\_



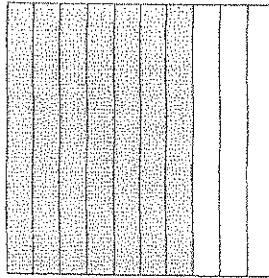
5) Fraction: \_\_\_\_\_

6) Decimal: \_\_\_\_\_



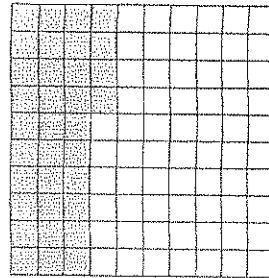
7) Fraction: \_\_\_\_\_

8) Decimal: \_\_\_\_\_



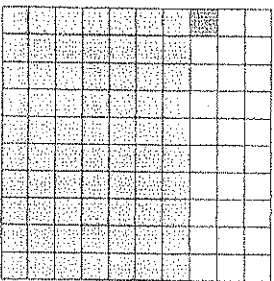
9) Fraction: \_\_\_\_\_

10) Decimal: \_\_\_\_\_



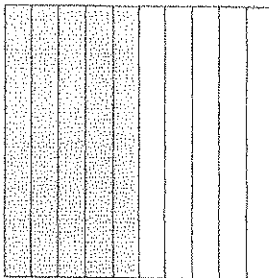
11) Fraction: \_\_\_\_\_

12) Decimal: \_\_\_\_\_



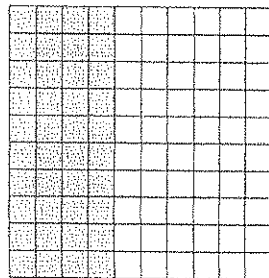
13) Fraction: \_\_\_\_\_

14) Decimal: \_\_\_\_\_



15) Fraction: \_\_\_\_\_

16) Decimal: \_\_\_\_\_



17) Fraction: \_\_\_\_\_

18) Decimal: \_\_\_\_\_

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_
13. \_\_\_\_\_
14. \_\_\_\_\_
15. \_\_\_\_\_
16. \_\_\_\_\_
17. \_\_\_\_\_
18. \_\_\_\_\_

Name \_\_\_\_\_

# Riddle

**E 11-1**  
**NUMBER SENSE**

Solve the riddles by choosing the letter of the value that is different in each group.

It has been said that a person who runs behind a car gets

- |                      |                    |                    |                    |       |
|----------------------|--------------------|--------------------|--------------------|-------|
| 1. T $\frac{1}{4}$   | E 2.5              | L $\frac{25}{100}$ | R 0.25             | _____ |
| 2. C 2.14            | R $2\frac{7}{50}$  | X $2\frac{14}{10}$ | I $\frac{107}{50}$ | _____ |
| 3. R 0.50            | H $\frac{5}{100}$  | M $\frac{1}{2}$    | E $\frac{3}{6}$    | _____ |
| 4. A 0.08            | E $\frac{4}{10}$   | D 0.40             | H $\frac{2}{5}$    | _____ |
| 5. W $\frac{41}{10}$ | D $4\frac{1}{10}$  | U 4.01             | M 4.10             | _____ |
| 6. S 0.3             | T $\frac{10}{100}$ | D 0.1              | E $\frac{3}{30}$   | _____ |
| 7. L $\frac{12}{16}$ | T $\frac{3}{8}$    | I 0.75             | C $\frac{75}{100}$ | _____ |
| 8. A $1\frac{1}{2}$  | E 0.15             | I 1.5              | O $\frac{6}{4}$    | _____ |
| 9. D 0.4             | N $\frac{5}{20}$   | S 0.25             | R $\frac{25}{100}$ | _____ |

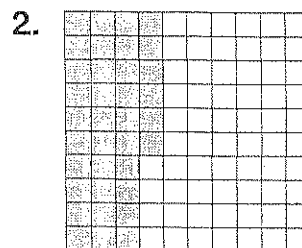
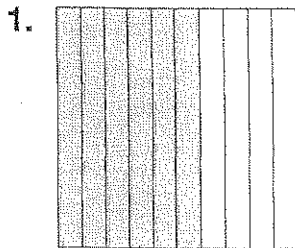
It has also been said that the person who runs in front of a car gets

- |                      |                  |                     |                    |       |
|----------------------|------------------|---------------------|--------------------|-------|
| 10. T 0.06           | L $\frac{3}{5}$  | S 0.60              | R $\frac{60}{100}$ | _____ |
| 11. A $\frac{3}{25}$ | I 0.75           | O 0.12              | T $\frac{12}{100}$ | _____ |
| 12. D 1.75           | R $\frac{9}{4}$  | E $1\frac{75}{100}$ | M $1\frac{3}{4}$   | _____ |
| 13. E 0.20           | N $\frac{1}{50}$ | C 0.02              | K $\frac{2}{100}$  | _____ |
| 14. S 4.8            | L $4\frac{4}{5}$ | S $4\frac{8}{10}$   | D 4.40             | _____ |

# Decimals and Fractions

**P 11-1**

Write a fraction and a decimal for the part of each grid that is shaded.



Write each number as a decimal.

3.  $\frac{1}{10}$  \_\_\_\_\_

4.  $\frac{4}{5}$  \_\_\_\_\_

5.  $3\frac{1}{2}$  \_\_\_\_\_

6.  $1\frac{1}{50}$  \_\_\_\_\_

7.  $\frac{11}{20}$  \_\_\_\_\_

8.  $\frac{19}{100}$  \_\_\_\_\_

Write each decimal as a fraction or mixed number, in simplest form.

9. 0.77 \_\_\_\_\_

10. 0.6 \_\_\_\_\_

11. 3.75 \_\_\_\_\_

12. 2.9 \_\_\_\_\_

13. 36.36 \_\_\_\_\_

14. 6.65 \_\_\_\_\_

Kari and Timothy made origami swans and timed each other.

Kari finished her swan in 15.04 sec. Timothy finished his swan in 17.82 sec. Write a mixed number to show how many seconds it took each of them.

15. Kari \_\_\_\_\_

16. Timothy \_\_\_\_\_

## Test Prep

17. Which fraction has the same value as 0.15?

A.  $\frac{3}{10}$

B.  $\frac{3}{15}$

C.  $\frac{3}{20}$

D.  $\frac{3}{25}$

18. **Writing in Math** Explain how saying the decimal can help you to write the decimal as a fraction.

\_\_\_\_\_

\_\_\_\_\_

Name \_\_\_\_\_

# Decimal Place Value

P 11-2

Write each number in standard form.

1. Two and three tenths \_\_\_\_\_

2.  $200 + 8 + 0.5 + 0.06$  \_\_\_\_\_

Write the word form and tell the value of the underlined digit for each number.

3. 2.19 \_\_\_\_\_  
\_\_\_\_\_

4. 40.62 \_\_\_\_\_  
\_\_\_\_\_

5. **Number Sense** How many tenths are there in twenty hundredths? \_\_\_\_\_

To make one quarter, the cost is 4.29 cents. It costs 1.88 cents to make one dime. Write the word form for the number of cents it costs to make one of each coin.

6. quarter \_\_\_\_\_

7. dime \_\_\_\_\_

## Test Prep

8. Which is  $60 + 5 + 0.09$  in standard form?

A. Sixty-five and nine hundredths      B. 65.09

C. 65.9      D. 659

9. **Writing in Math** Explain how to write eight and nineteen hundredths in standard form.  
\_\_\_\_\_  
\_\_\_\_\_

Name \_\_\_\_\_

# Do We Decimal?

**E 11-3**  
**NUMBER SENSE**

In many libraries, nonfiction books are placed on shelves in order according to the Dewey Decimal System.

Help the librarian decide where to put the list of books that have been returned. Write the abbreviation for the section where each returned book should be placed. Then write the exact place where each book should be shelved. The first book has been done for you.

003.1	027.4	029.9	038.1	042.1	042.9	047.01	051.1	056.12	057.1	057.19	058.7		102.2	107.31	116.09	122.05	122.96	147.3	151.61	151.9	152.09	153.6
General (G)													Philosophy & Psychology (PP)									
510.10	516.05	521.3		550.11	551.62	563.07	572.1	574.73	581.71	586.8	587.09	587.22	591.6						886.89			
Sciences & Mathematics (SM)													Literature (L)									

- 109.7 PP; Between 107.31 and 116.09
- 152.08
- 042.13
- 006.8
- 503.54
- 550.06
- 813.12
- 107.05
- 886.9
- 057.01
- 587.21
- 122.5

Name \_\_\_\_\_

# Comparing and Ordering Decimals

P 11-3

Compare. Write  $>$ ,  $<$ , or  $=$  for each  $\bigcirc$ .

1.  $0.31 \bigcirc 0.41$

2.  $1.9 \bigcirc 0.95$

3.  $0.09 \bigcirc 0.1$

4.  $2.70 \bigcirc 2.7$

5.  $0.81 \bigcirc 0.79$

6.  $2.12 \bigcirc 2.21$

Order the numbers from least to greatest.

7. 0.37, 0.41, 0.31

8. 1.16, 1.61, 6.11

9. 7.9, 7.91, 7.09, 7.19

10. 1.45, 1.76, 1.47, 1.67

Margaret has three cats. Sophie weighs 4.27 lb, Tigger weighs 6.25 lb, and Ghost weighs 4.7 lb.

11. Which cat has the greatest weight?

12. Which cat weighs the least?

## Test Prep

13. Which group of numbers is ordered from least to greatest?

A. 0.12, 1.51, 0.65

B. 5.71, 5.4, 0.54

C. 0.4, 0.09, 0.41

D. 0.05, 0.51, 1.5

14. **Writing in Math** Darrin put the numbers 7.25, 5.27, 7.52, and 5.72 in order from greatest to least. Is his work correct? Explain.  
7.25, 7.52, 5.72, 5.27

Name \_\_\_\_\_

# Rounding Decimals

P 11-4

Round each number to the nearest whole number.

1. 15.2 \_\_\_\_\_ 2. 0.79 \_\_\_\_\_ 3. 1.50 \_\_\_\_\_ 4. 6.47 \_\_\_\_\_  
5. 10.23 \_\_\_\_\_ 6. 2.75 \_\_\_\_\_ 7. 9.32 \_\_\_\_\_ 8. 32.58 \_\_\_\_\_

Round each number to the nearest tenth.

9. 5.62 \_\_\_\_\_ 10. 11.47 \_\_\_\_\_  
11. 0.73 \_\_\_\_\_ 12. 1.88 \_\_\_\_\_

13. **Number Sense** What is the greatest decimal with hundredths that will round to 0.5 when rounded to the nearest tenth? \_\_\_\_\_

For each age group in the data file, round the part of the population to the nearest tenth.

14. under 18  
\_\_\_\_\_

15. over 64  
\_\_\_\_\_

**U.S. Population  
by Age, 2000**

Age Group	Part
Under 18	0.26
18 to 64	0.62
Over 64	0.12

## Test Prep

16. Which number below is 8.3 when rounded to the tenths place?

A. 7.35      B. 8.27      C. 8.35      D. 8.39

17. **Writing in Math** Explain how to round 1.342 to the nearest tenth.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



# Estimating Decimal Sums and Differences

Estimate each sum or difference.

1.  $1.45 + 0.6$  \_\_\_\_\_

2.  $8.91 + 1.16$  \_\_\_\_\_

3.  $7.09 - 5.11$  \_\_\_\_\_

4.  $6.59 - 3.84$  \_\_\_\_\_

5.  $8.54 + 9.01$  \_\_\_\_\_

6.  $6.11 - 0.15$  \_\_\_\_\_

7. 
$$\begin{array}{r} 18.05 \\ + 0.85 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 11.45 \\ - 0.9 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 8.65 \\ - 5.1 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 9.50 \\ + 6.8 \\ \hline \end{array}$$

11. **Reasoning** Cheryl had \$86.51. She bought 6 cases of fruit drink and had \$50.67 left. About how much did Cheryl pay for each case of fruit drink?

12. Jean walked 19.87 mi last week, 17.15 mi the week before, and 18.92 mi this week. About how many miles has Jean walked in the 3 weeks?

13. William drives 14.81 mi to work each day. Kathy drives 2.6 mi to work each day. About how much farther does William drive each day?

## Test Prep

14. Which is the best estimate for the sum of  $22.36 + 19.6$ ?

A. 41

B. 42

C. 43

D. 44

15. **Writing in Math** Kayla needs \$15.00 to buy a CD. She has \$8.18 in her wallet, \$3.19 in her pocket, and \$5.42 in her piggy bank. Does Kayla have enough? Explain.

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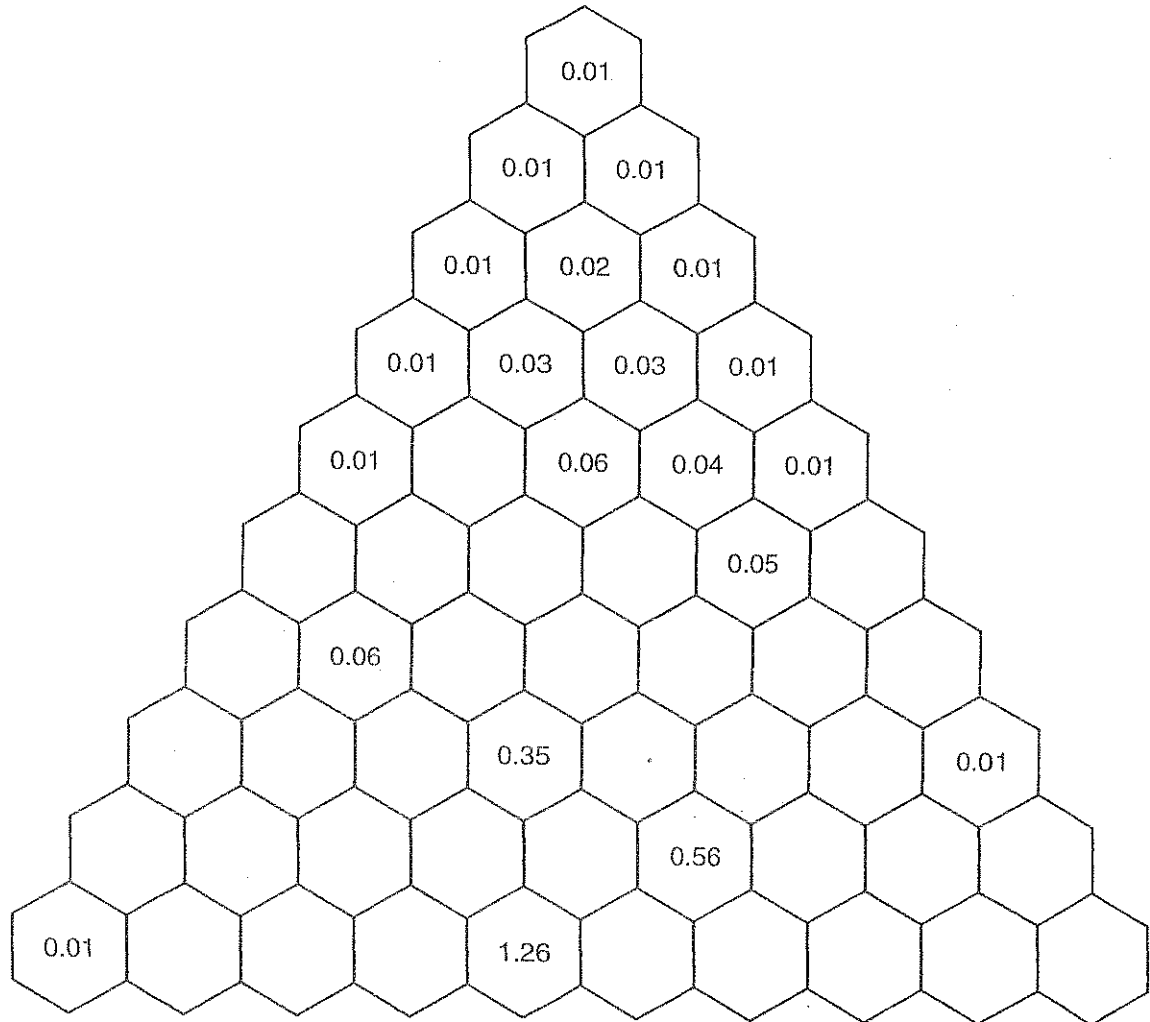
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Name \_\_\_\_\_

# Pascal's Triangle

**E 11-6**  
**PATTERNS**

A famous mathematician named Pascal invented a triangle with many different patterns. Here is his triangle using decimals. Fill in the missing numbers.



1. What are some patterns you found in the triangle?

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---



---

Name \_\_\_\_\_

# Adding and Subtracting Decimals

P 11-7

1. 
$$\begin{array}{r} 4.52 \\ + 8.61 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 52.36 \\ + 9.74 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 7.54 \\ - 4.64 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 92.56 \\ - 13.8 \\ \hline \end{array}$$

5.  $1.54 + 5.67 =$  \_\_\_\_\_

6.  $1.56 - 0.42 =$  \_\_\_\_\_

7.  $0.64 - 0.08 =$  \_\_\_\_\_

8.  $92.22 + 64.53 =$  \_\_\_\_\_

9.  $65.12 - 37.88 =$  \_\_\_\_\_

10.  $73.12 + 77.69 =$  \_\_\_\_\_

11.  $0.54 - 0.48 =$  \_\_\_\_\_

12.  $0.61 + 0.88 =$  \_\_\_\_\_

13.  $37.8 - 18.27 =$  \_\_\_\_\_

14.  $11.94 + 7.19 =$  \_\_\_\_\_

15. There are two records for the greatest distance traveled by a model car in 24 hr. The larger scale model car traveled 305.94 mi, and the smaller scale model car traveled 213.07 mi. How many more miles did the larger car travel in 24 hr? \_\_\_\_\_

Sara and Jessica are twins. At birth, Sara weighed 5.42 lb and Jessica weighed 6.8 lb.

16. How much was their combined weight? \_\_\_\_\_

17. How much more did Jessica weigh than Sara? \_\_\_\_\_

## Test Prep

18. Which is the difference of  $8.97 - 7.8$ ?

A. 0.17

B. 0.89

C. 1.17

D. 1.89

19. **Writing in Math** Heather added  $9.42 + 6.3$ .

Is her answer correct? Explain.

$$\begin{array}{r} 9.42 \\ + 6.3 \\ \hline 10.05 \end{array}$$

---



---



---

Name \_\_\_\_\_

## Adding and Subtracting Decimals

PS 11-7

**Jim's House** The school building is 4.65 mi away from Jim's house. The community library is 6.83 mi away from Jim's house. Jim's grandparents live 16.2 mi from Jim's house.

1. What is the combined distance from Jim's house to the school and the library? \_\_\_\_\_
2. What is the combined distance from Jim's house to the school and his grandparents? \_\_\_\_\_
3. What is the difference between the distance from Jim's house to his grandparents and Jim's house to the library? \_\_\_\_\_

**Olympics** The chart shows the Olympic records set in the women's 200 m footrace between 1976 and 1988.

Year	Time (sec)
1976	22.37
1980	22.26
1984	21.81
1988	21.34

What is the difference between the records set in

4. 1976 and 1988? \_\_\_\_\_
5. 1980 and 1984? \_\_\_\_\_
6. 1976 and 1984? \_\_\_\_\_

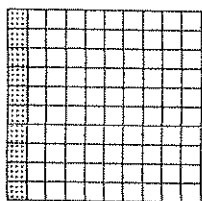
7. **Writing in Math** If you know that  $134 + 176 = 310$ , how can you quickly find  $1.34 + 1.76$ ? Explain.  
\_\_\_\_\_  
\_\_\_\_\_

## Chapter 11A RW

## Multiple Choice

Identify the letter of the choice that best completes the statement or answers the question.

- \_\_\_\_\_ 1. Write a fraction and a decimal for the part of the grid that is shaded.

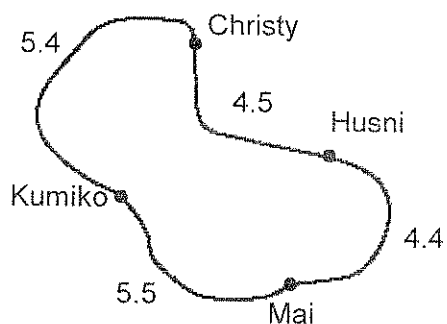


- a.  $\frac{1}{100}$ , 0.01      b.  $\frac{1}{50}$ , 0.02      c.  $\frac{1}{10}$ , 0.10      d.  $\frac{1}{5}$ , 0.20
- \_\_\_\_\_ 2. What is  $\frac{13}{20}$  written as a decimal?
- a. 0.13      b. 0.65      c. 1.3      d. 13.20
- \_\_\_\_\_ 3. What is 0.52 written as a fraction in simplest form?
- a.  $\frac{52}{25}$       b.  $\frac{13}{25}$       c.  $\frac{52}{100}$       d.  $\frac{13}{100}$
- \_\_\_\_\_ 4. A freight train has 100 cars and 39 of the cars are grey cars. Write a fraction and a decimal to show what part of the train is made up of grey cars.
- a.  $\frac{39}{10}$ , 3.9      b.  $\frac{39}{100}$ , 0.39      c.  $\frac{39}{100}$ , 0.039      d.  $\frac{39}{1,000}$ , 0.039
- \_\_\_\_\_ 5. Honolulu, HI, has 7.1 inches of precipitation a year. What is this decimal as a mixed number in simplest form?
- a.  $7\frac{1}{10}$       b.  $7\frac{3}{10}$       c.  $8\frac{1}{10}$       d.  $8\frac{3}{10}$
- \_\_\_\_\_ 6. What is  $6 + 0.7 + 0.06$  in standard form?
- a. 6.067      b. 6.076      c. 6.67      d. 6.76
- \_\_\_\_\_ 7. Write nine and five hundredths in standard form.
- a. 90.05      b. 9.05      c. 9.005      d. 0.905
- \_\_\_\_\_ 8. Tell the value of the underlined digit in 481.52.
- a. two hundredths      c. two ones  
b. two tenths      d. two tens
- \_\_\_\_\_ 9. A meteorologist reported that 1.6 inches of snow fell today. What is the value of the underlined digit in 1.6?
- a. six tens      c. six tenths  
b. six ones      d. six hundredths

Name: \_\_\_\_\_

ID: A

- \_\_\_\_ 10. A cheetah can run 70 miles per hour while a three-toed sloth only moves about 0.15 miles per hour. What is 0.15 in word form?
- a. fifteen hundred
  - b. fifteen tens
  - c. fifteen tenths
  - d. fifteen hundredths
- \_\_\_\_ 11. Which number is greater than 0.39?
- a. 0.09
  - b. 0.38
  - c. 0.3
  - d. 0.93
- \_\_\_\_ 12. Which number equals 3.2?
- a. 3.20
  - b. 3.22
  - c. 3.02
  - d. 3.0
- \_\_\_\_ 13. Order the decimals from least to greatest.  
9.19, 9.23, 9.2, 9.09, 9.61
- a. 9.09, 9.23, 9.19, 9.2, 9.61
  - b. 9.09, 9.2, 9.19, 9.23, 9.61
  - c. 9.2, 9.19, 9.23, 9.61, 9.09
  - d. 9.09, 9.19, 9.2, 9.23, 9.61
- \_\_\_\_ 14. Refer to the map. Who lives the farthest apart?



- a. Kumiko and Mai
- b. Christy and Kumiko
- c. Husni and Christy
- d. Mai and Husni



- \_\_\_\_ 22. Estimate the difference by rounding to the nearest whole number.

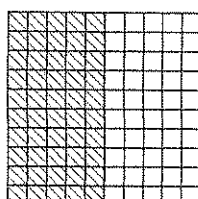
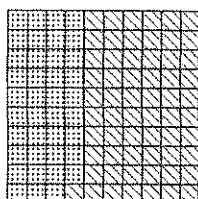
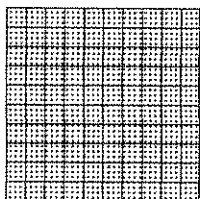
$$\begin{array}{r} 13.43 \\ - 9.85 \\ \hline \end{array}$$

- a. 5                      b. 4                      c. 3                      d. 2
- \_\_\_\_ 23. Estimate the sum  $9.9 + 0.77$  by rounding to the nearest whole number.  
a. 9                      b. 10                      c. 11                      d. 12
- \_\_\_\_ 24. Andy and Dawn were in a bike race. Andy's time was 4.21 hours. Dawn won the race with a time of 2.91 hours. Estimate the difference in their two finish times by rounding to the nearest whole number.  
a. 1 hour                      b. 2 hours                      c. 3 hours                      d. 5 hours
- \_\_\_\_ 25. The American colonies grew rapidly in the 1600's. Estimate how much the population grew between 1630 and 1640 by rounding to the nearest whole number.

### COLONIAL POPULATION

Year	Population (in thousands)
1610	0.35
1620	2.3
1630	4.6
1640	26.6
1650	50.4
1660	75.1

- a. 22 thousand                      c. 27 thousand  
b. 26 thousand                      d. 49 thousand
- \_\_\_\_ 26. Add. Use the grids to help.  
 $1.39 + 1.11$



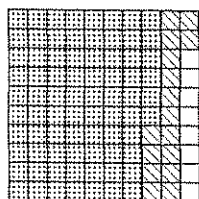
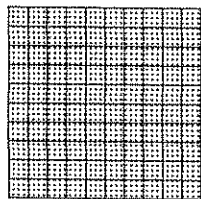
- a. 0.28                      b. 2.11                      c. 2.4                      d. 2.5



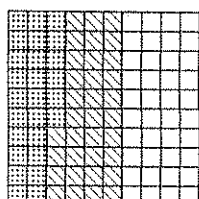
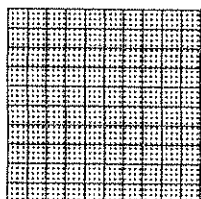
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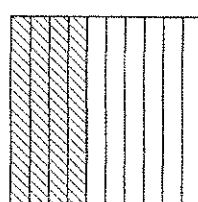
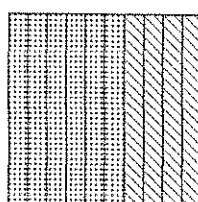
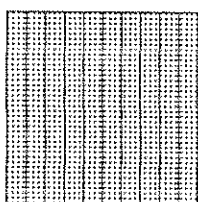
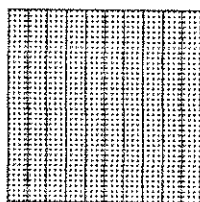
- \_\_\_\_ 27. Subtract. Use the grids to help.  
 $1.92 - 0.16$



- a. 0.76      b. 1.76      c. 1.16      d. 2.08
- \_\_\_\_ 28. Subtract. Use the grids to help.  
 $1.6 - 0.34$



- a. 1.16      b. 1.26      c. 1.34      d. 1.94
- \_\_\_\_ 29. Jerome biked 2.6 miles. Then he ran 0.8 miles. How far did Jerome go?



- a. 1.8 miles      b. 2.4 miles      c. 3.3 miles      d. 3.4 miles

- \_\_\_\_\_ 30. The table gives the length of the winning long jump in the Olympic Games for several years. There were no Olympic Games in 1916 because of World War I.

**OLYMPIC MEN'S LONG JUMP**

Year	Winning Jump (in meters)
1896	6.35
1900	7.18
1904	7.34
1908	7.48
1912	7.60
1920	7.15

What is the difference between the winning lengths in 1908 and 1896? You may use grids to help.

- a. 1.13 meters      b. 1.24 meters      c. 2.13 meters      d. 13.83 meters

- \_\_\_\_\_ 31. Find the sum.

$$\begin{array}{r} 7.97 \\ + 9.68 \\ \hline \end{array}$$

- a. 16.65      b. 16.97      c. 17.65      d. 18

- \_\_\_\_\_ 32. Add  $18.23 + 16.8$ .

- a. 19.91      b. 34.03      c. 35.03      d. 199.1

- \_\_\_\_\_ 33. Find the difference.

$$31.91 - 4.7$$

- a. 27.21      b. 28.21      c. 31.44      d. 314.4

- \_\_\_\_\_ 34. Alma rode 6.2 miles from her home to school and 13.6 miles from school to the library. How much farther did Alma ride from school to the library than from home to school?

- a. 1.98 miles      c. 8.4 miles  
b. 7.4 miles      d. 19.8 miles

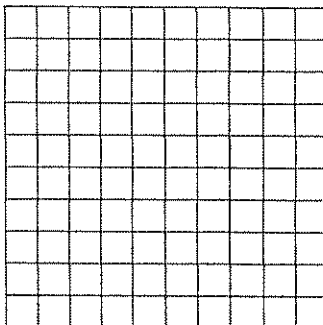
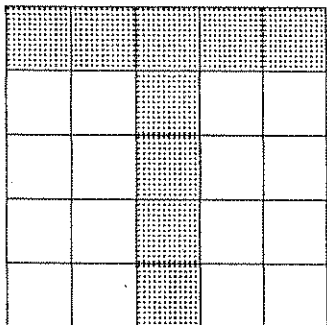
- \_\_\_\_\_ 35. Normal body temperature is 98.6 degrees Fahrenheit. If Solana's temperature is 2.7 degrees above normal, what is her temperature?

- a. 101.3 degrees Fahrenheit      c. 95.9 degrees Fahrenheit  
b. 98.6 degrees Fahrenheit      d. 94.1 degrees Fahrenheit



## Other

43. The shaded "T" below covers  $\frac{9}{25}$  of the grid. Shade a matching "T" on the grid at the right.



How many hundredths are shaded? Write this amount as a fraction and as a decimal.

**Fraction** \_\_\_\_\_ **Decimal** \_\_\_\_\_

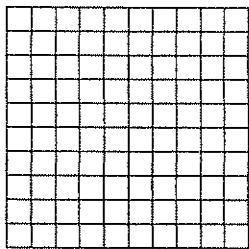
On the lines below, explain why  $\frac{9}{25}$  is equivalent to the decimal you wrote.

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44. Roxy painted 0.4 of a square patio in the morning. Then she painted 0.42 of the patio in the afternoon. Shade and label the grid to show the amounts that Roxy painted.



How much of the patio has been painted?

$0.4 + 0.42 =$  \_\_\_\_\_